

FIG. 1a

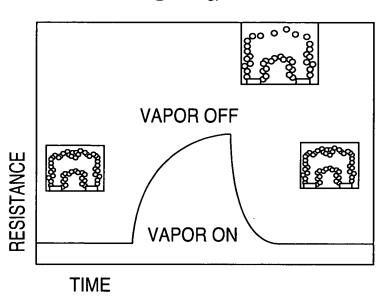
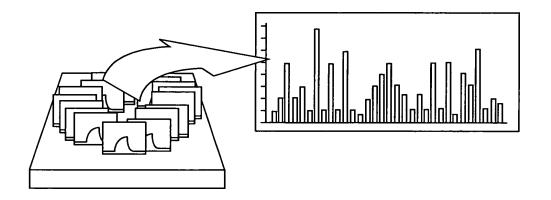
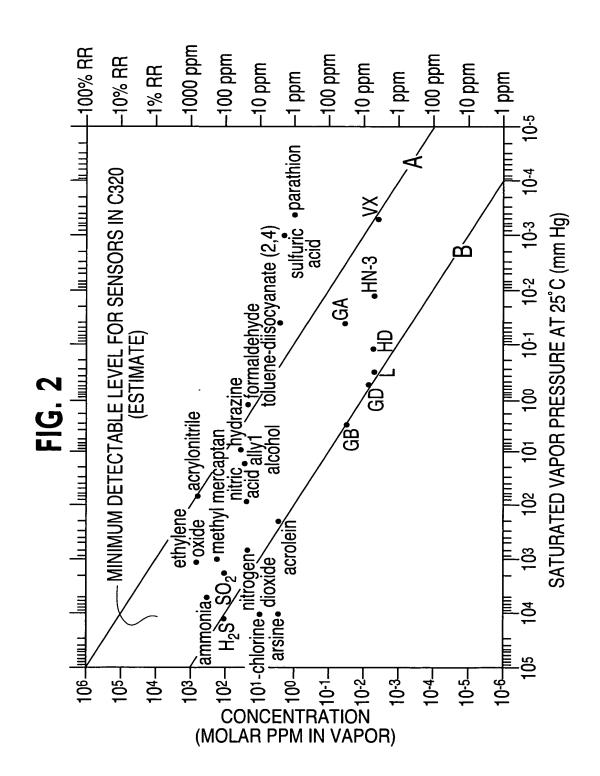
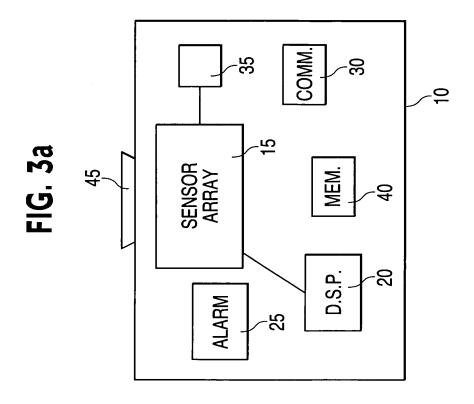


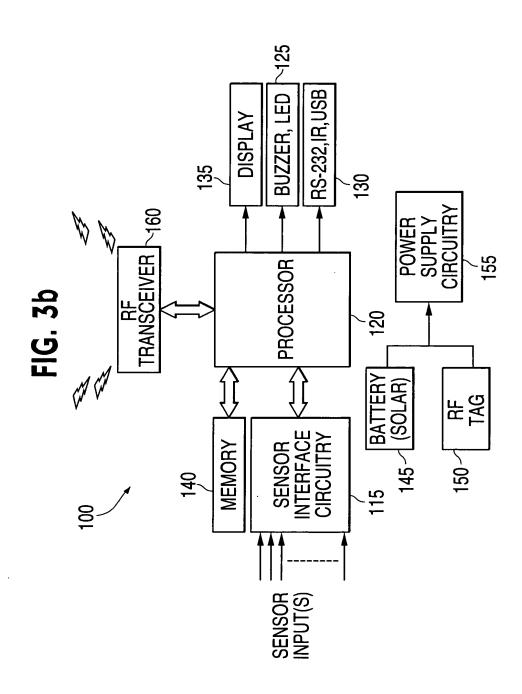
FIG. 1b



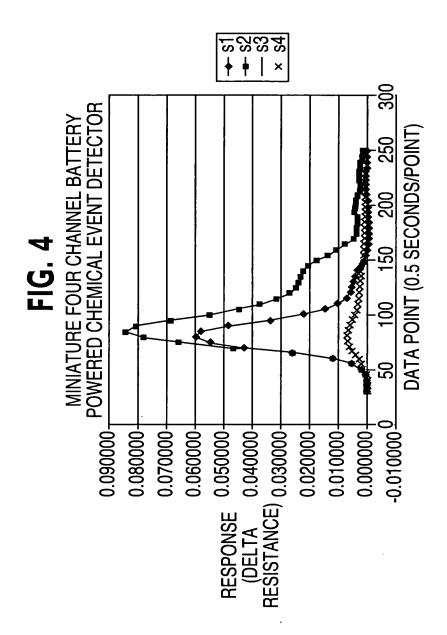
Appl. No.: 10/698,042

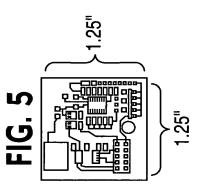






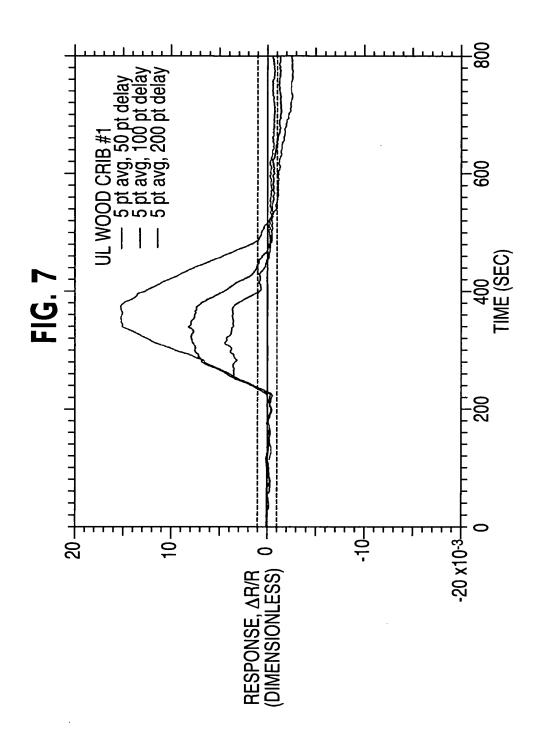
Appl. No.: 10/698,042

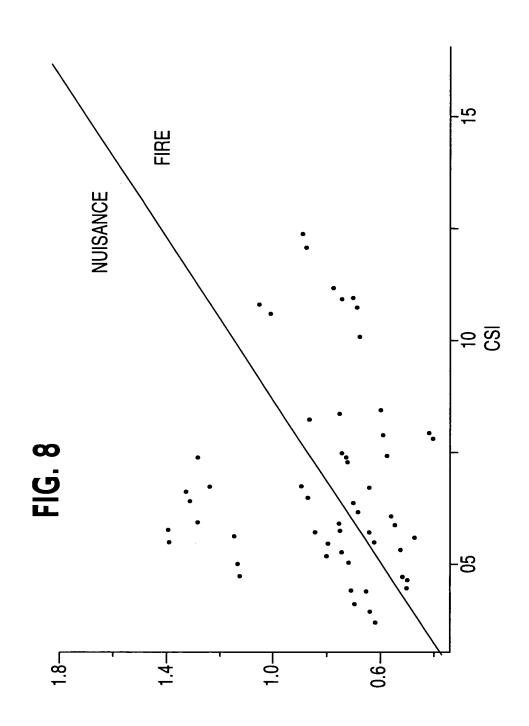




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CONNECTIVITY, COMMAND, CONTROL & COMMUNICATIONS	ALARM COORDINATION: SENSOR FUSION AT NODE LEVEL AND ZONE LEVEL	ALARMS FOR ALL SENSORS ARE TRANSMITTED FROM REMOTE MONITORING UNITS (RMUs) TO THE SERVER	ALARM ALGOR CH SENSOR AN DATA FOR ALL	REMOTE MONITORING UNITS (RMUs)	TEMPERATURE DETECTOR CHEMICAL SENSOR ARRAY TEMPERATURE DETECTOR IONIZATION DETECTOR PHOTOELECTRIC DETECTOR CHEMICAL SENSOR ARRAY TEMPERATURE DETECTOR IONIZATION DETECTOR
	ALARIV	AL/	EACH	¥.	PHOTOELECTRIC DETECTOR CHEMICAL SENSOR ARRAY
SERVER			RMUs	ZONES	SENSORS





Title: CHEMICAL AND BIOLOGICAL AGENT SENSOR ARRAY DETECTORS

Inventor(s): Gregory Steinthal et al. Appl. No.: 10/698,042



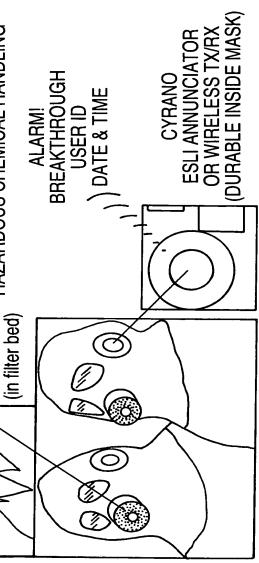
END OF SERVICE LIFE INDICATOR (ESLI FOR CHEMICAL FILTERS FOR MILITARY HOMELAND SECURITY & INDUSTRY:

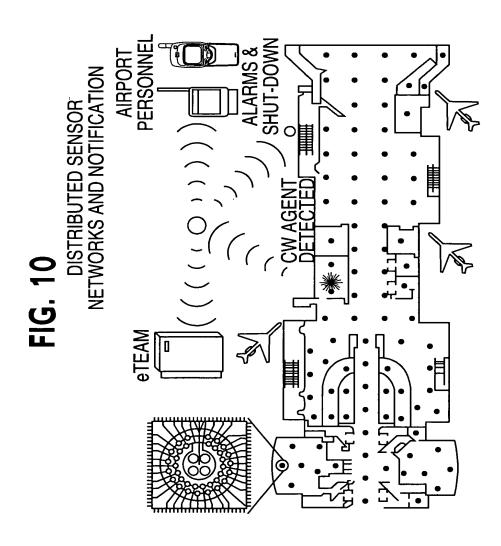
FORWARD-DEPLOYED PERSONNEL FACILITY & WEAPONS INSPECTION **EMBASSY/CIVILIAN PERSONNEI**

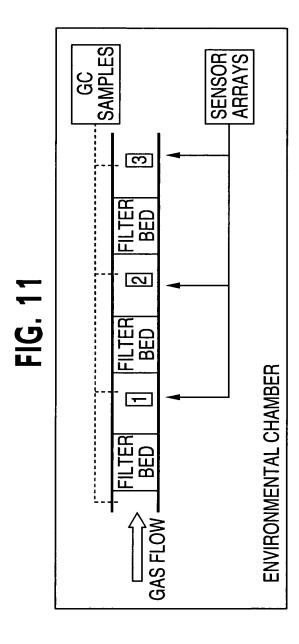
> **SENSORS** ~2mm

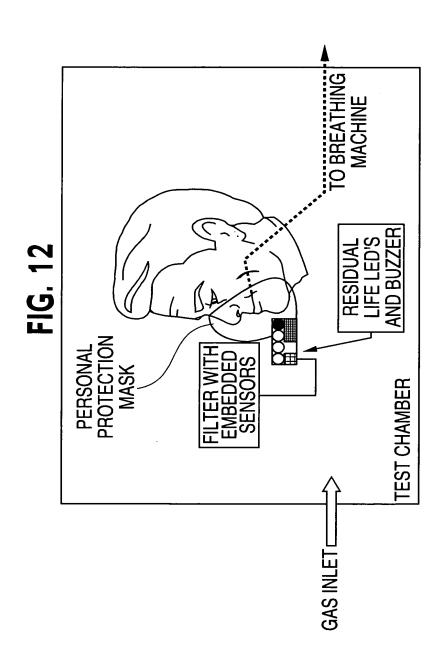
ALARM!

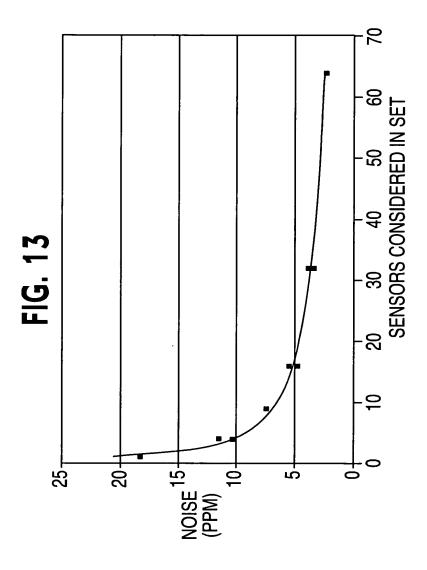
USER ID











Title: CHEMICAL AND BIOLOGICAL AGENT SENSOR ARRAY DETECTORS

Inventor(s): Gregory Steinthal et al. Appl. No.: 10/698,042

FIG. 14

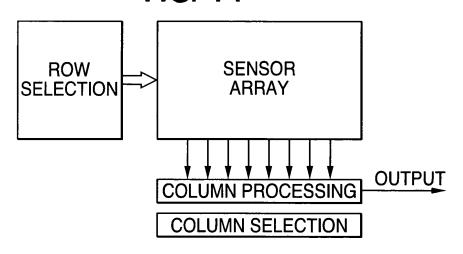
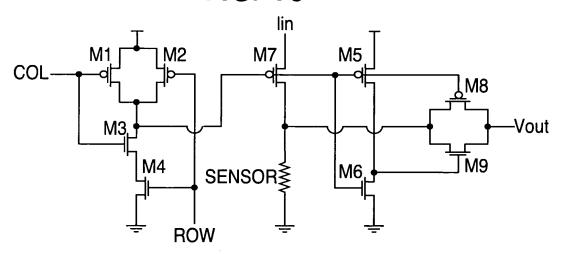


FIG. 15



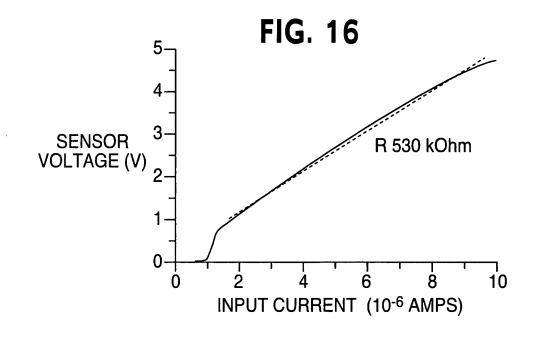
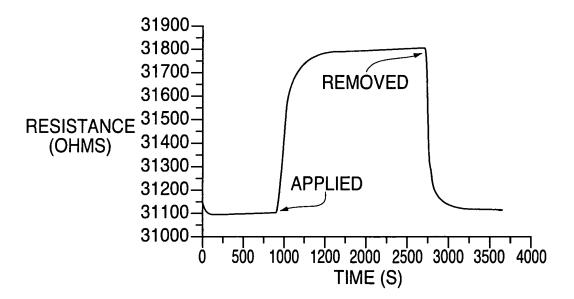
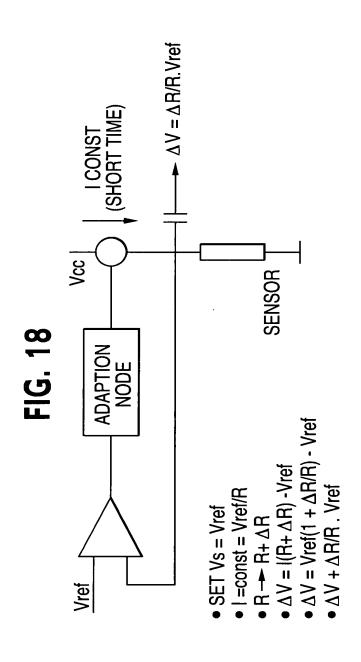


FIG. 17





C	σ	Sample #	Treatment	Solvents	Solvents Particle Size nm
5	-	6537-57b	Poly(isobutylene) on BP700	Isopar G	150
		8847-9a	Polypropylene glycol on BP700	Xylene	180
		6537-40	Poly(acrylic ester) on BP700	Ethanol	210
		6537-51	Polv(acrylic acid) on BP700	water	210

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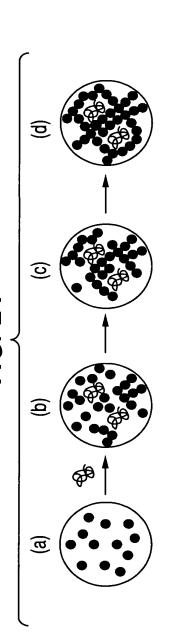


FIG. 22

